

**What is claimed is:**

1. A steam-cleaning appliance comprising:

a housing, including a water storage chamber and a pump mounted therein, the water storage chamber receiving cold water, and the pump  
5 being connected to the water storage chamber via a pipe to pump cold water; and

a steam device, mounted within the housing, the steam device including a water-flowing path and a heating unit that is placed vis-à-vis the water-flowing path, wherein the water-flowing path further includes a  
10 water inlet that is connected to the pump via a pipe , and a water outlet through which cold water after being heated is sputtered into steam to a steam pipe connected to the water outlet, the steam pipe delivering steam to a nozzle, thereby a steam path is achieved to reduce the steam formation time while the pump allows the user to control the steam amount and the  
15 steam flow for ensuring a safe use.

2. The steam-cleaning appliance of claim 1, wherein a multi-state controller is further mounted onto the nozzle to control a turn on/off of the pump.

3. The steam-cleaning appliance of claim 1, wherein a temperature  
20 sensor is further mounted at the location of the water inlet to control the turn on/off of the heating unit.

4. The steam-cleaning appliance of claim 1, wherein the water-flowing path and the heating unit are U-shaped and mounted to each other according to an opposite superposition.

5. The steam-cleaning appliance of claim 1, wherein the heating unit is an electro-heating pipe.

6. The steam-cleaning appliance of claim 1, wherein a removable cover is further mounted on the water storage chamber to allow the user to  
5 refill water therein.

7. The steam-cleaning appliance of claim 1, wherein a principal switch is further mounted onto the housing to control a switch of an electrical connection to a power supply.

8. The steam-cleaning appliance of claim 1, wherein the steam  
10 device further includes a casing that encloses the water-flowing path and the heating unit, the casing being externally covered with a thermal isolating element.

9. The steam-cleaning appliance of claim 1, wherein the housing further includes a positioning support mounted therein to support the pump.

10. The steam-cleaning appliance of claim 1, wherein the housing  
15 further includes a positioning pedestal mounted therein to support the steam device.